

CLAIMS

I claim:

1. A security system comprising:

a verifier that is configured to determine an authorization to process protected material,

and

a gate that is configured to:

store a damaged version of the protected material while the verifier is determining the authorization, and

repair the damaged version of the protected material to form a repaired version of the protected material after the verifier determines the authorization.

2. The security system of claim 1, wherein

the verifier is configured to determine the authorization based on a verification of a presence of an entirety of a data set corresponding to the protected material.

3. The security system of claim 1, wherein

the gate is further configured to store the damaged version on a removable media.

4. The security system of claim 1, wherein

the gate is further configured to

store the damaged version in a temporary storage device, and

store the repaired version in a permanent storage device.

5. The security system of claim 1, wherein

the gate comprises:

a damager that is configured to damage a select portion of the protected material to form the damaged version, and

a repairer that is configured to repair a corresponding select portion of the damaged version to form the repaired version.

6. The security system of claim 5, wherein

the gate is configured to disable the damager to prevent subsequent damage, after the verifier determines the authorization.

5 7. The security system of claim 5, wherein

the damager includes:

a first device that is configured to damage the select portion of the protected material via an exclusive-or function with a key, and

the repairer includes:

10 a second device that is configured to repair the select portion of the protected material via an exclusive-or function with the key.

8. The security system of claim 7, wherein

the key is provided via a random process.

9. The security system of claim 8, wherein

the key includes a series of random numbers that are provided via a pseudo-random process based on a key-seed.

20 10. The security system of claim 7, wherein

the key is destroyed if the verifier fails to determine the authorization.

11. The security system of claim 1, wherein

the gate is further configured to:

25 provide an undamaged version of the protected material for rendering while the verifier is determining the authorization.

12. A method of protecting protected material comprising:

determining an authorization to process the protected material, and

storing a damaged version of the protected material while determining the authorization,

and

5 repairing the damaged version of the protected material to form a repaired version of the
protected material after determining the authorization.

13. The method of claim 12, wherein

determining the authorization is based on a verification of a presence of an entirety of a

10 data set corresponding to the protected material.

14. The method of claim 12, wherein

storing the damaged version includes storing the damaged version on a removable media.

15 15. The method of claim 12, wherein

storing the damaged material includes storing the damaged version in a temporary
storage device, and

the method further includes

storing the repaired version in a permanent storage device.

20 16. The method of claim 12, further including

damaging a select portion of the protected material to form the damaged version, and
wherein

repairing the damaged version comprises repairing a corresponding select portion of the

25 damaged version to form the repaired version.

17. The method of claim 16, wherein
damaging the protected material includes an exclusive-or of the select portion with a key,
and
repairing the damaged version includes an exclusive-or of the corresponding select
5 portion with the key.

18. The method of claim 17, further including
generating the key via a random process.

10 19. The method of claim 18, wherein
generating the key includes generating a series of random numbers via a pseudo-random
process based on a key-seed.

20. The method of claim 17, further including
15 destroying the key if a failure is reported in determining the authorization.

21. The method of claim 12, further including
providing an undamaged version of the protected material for rendering while
determining the authorization.
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